



CTE Research Data Needs

Research Questions:

1. Does participation in or completion of a CTE program change the outcomes for all students?
2. Does participation in or completion of a CTE program change the outcomes for all students above and beyond the effects of other tracks/concentrations?
3. Does participation in or completion of a CTE program change outcomes in different ways for subpopulations of students?
4. What percentage of CTE students (participation or completion) graduate from high school?

Student Population:

In order to answer these four research questions, data is needed on all students in a cohort. This means not only students who select CTE classes or become CTE concentrators, but students who attend the same high school who do not select any CTE classes. The best way to answer these questions is to use data from students whose outcomes are already known. This means students from cohorts which have already passed their 5 year graduation deadline.

Needed Data Elements (ALL student-level):

Data Element	Data Type	Needed for Question
Cohort Year	Year	1, 2, 3, 4
Concentrator	Yes/No	1, 2, 3, 4
Graduated in 4 Years	Yes/No	1, 2, 3, 4
Graduated in 5 Years	Yes/No	1, 2, 3, 4
Dropped Out	Yes/No	1, 2, 3, 4
AIMS Results (HS Exam)	FAME	1, 2, 3
AP Classes Taken	Number	1, 2, 3
Race/Ethnicity	State Categories	3
Over/Under Age	Over/Under	3
FRPL Eligibility	FRPL	3
Gifted	Yes/No	3
Special Needs Designation	State Categories	3
Gender	State Categories	3
AIMS Results (8 th Grade Exam)	FAME	3
CTE Courses	Number	4
CTE Course Success Rate	Percentage	4